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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/038,590	01/03/2002	Thomas E. Creamer	BOC9-2000-0099 (223)	1444

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EXAMINER

EL CHANTI, HUSSEIN A

ART UNIT	PAPER NUMBER
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2157

DATE MAILED: 09/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/038,590	Applicant(s) CREAMER ET AL.	
	Examiner Hussein A. El-chanti	Art Unit 2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to application filed on January 3, 2002. Claims 1-13 are pending examination.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Vaid et al., U.S. Patent No. 6,502,131 (referred to hereafter as Vaid).

Vaid teaches the invention explicitly as claimed including a system and method for monitoring incoming and outgoing packet flow using a distributed management tool (see abstract).

As to claim 1, Vaid teaches a visual tool for creating a service component for use in a service logic execution environment (SLEE), comprising:

a first visual smartguide for creating service building blocks, each said service building block comprising at least one event handler for handling specific events received from an event routing bus in said SLEE (see col. 20 lines 65-col. 21 lines 40, user selects an event using a GUI); and,

a second visual smartguide for creating deployment descriptors for said created service building blocks, each said deployment descriptor comprising a service description and a list of supported events which can be handled by an associated service building block (see col. 20 lines 65-col. 21 lines 40 and fig. 12-15, user has a list of events that can be handled by the event handler and user may use GUI to create blocks); and,

a visual composition interface through which visual representations of said service building blocks can be arranged to form the service component (see col. 21 lines 23-col. 22 lines 15 and fig. 12-15, GUI displays graphs of the results of the selected events to be monitored).

As to claim 2, Vaid teaches the visual tool of claim 1, wherein said service building blocks are software components (see col. 20 lines 65-col. 22 lines 15 and fig. 12-15).

As to claim 3, Vaid teaches the visual tool of claim 2, wherein said software components are Java beans (see col. 27 lines 23-40).

As to claim 4, Vaid teaches the visual tool of claim 1, wherein said first visual smartguide comprises at least one selectable procedure for generating a plurality of utility classes for inclusion in a service building block (see col. 20 lines 65-col. 22 lines 15 and fig. 12-15).

As to claim 5, Vaid teaches the visual tool of claim 1, wherein said first visual smartguide comprises a database of event handlers from which said at least one event

handler can be selected for addition to said service building block (see col. 20 lines 65-col. 22 lines 15 and fig. 12-15).

As to claim 6, Vaid teaches the visual tool of claim 1, wherein said second visual smartguide comprises a database of event handlers from which a list of supported events for inclusion in said deployment descriptor can be constructed (see col. 20 lines 65-col. 22 lines 15 and fig. 12-15).

As to claim 7, Vaid teaches the visual tool of claim 1, further comprising a service container which encapsulates the service component (see col. 20 lines 65-col. 22 lines 15 and fig. 12-15).

As to claim 8, Vaid teaches the visual tool of claim 7, wherein said service container further comprises meta-information for exposing container characteristics for said service container (see col. 20 lines 65-col. 22 lines 15 and fig. 12-15).

As to claim 9, Vaid teaches the visual tool of claim 8, wherein said meta-information comprises a plurality of Java Native Definition Interface (JNDI) environment entries (see col. 20 lines 65-col. 22 lines 15 and fig. 12-15).

As to claim 10, Vaid teaches a method for visually generating a service component, said method comprising: a specifying at least one service building block, said specification comprising visually selecting a plurality of event handlers for inclusion in said at least one service building block; exporting said at least one service building block, said exporting step producing a deployment descriptor which describes events for which said at least one service building block has been configured to handle; visually

arranging said at least one service block, said arrangement forming the service component; and, configuring the service component produced by said visual arrangement for insertion in a service logic execution environment (SLEE) in an advanced intelligent network (see col. 20 lines 65-col. 22 lines 15 and fig. 12-15).

As to claim 11, Vaid teaches the method of claim 10, further comprising the step of encapsulating the service component in a service application container (see col. 20 lines 65-col. 22 lines 15 and fig. 12-15).

As to claim 12, Vaid teaches a machine readable storage, having stored thereon a computer program for visually generating a service component, said computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of: specifying at least one service building block, said specification comprising visually selecting a plurality of event handlers for inclusion in said at least one service building block; exporting said at least one service building block, said exporting step producing a deployment descriptor which describes events for which said at least one service building block has been configured to handle; visually arranging said at least one service block, said arrangement forming the service component; and, configuring the service component produced by said visual arrangement for insertion in a service logic execution environment (SLEE) in an advanced intelligent network (see col. 20 lines 65-col. 22 lines 15 and fig. 12-15).

As to claim 13, Vaid teaches the machine readable storage of claim 12, further comprising the step of encapsulating the service component in a service application container (see col. 20 lines 65-col. 22 lines 15 and fig. 12-15).

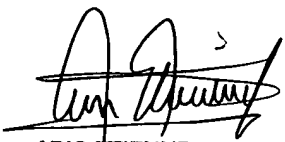
3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hussein A. El-chanti whose telephone number is (571)272-3999. The examiner can normally be reached on Mon-Fri 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571)272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hussein El-chanti

August 25, 2005


ARIO ETIENNE
SUPERVISORY PATENT EXAMINER